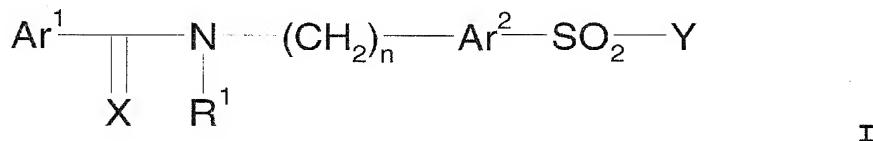


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A sulfonamide compound according to formula I



with its geometrical isomers, in an optically active form as enantiomers, diastereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

$\text{Ar}^1$  and  $\text{Ar}^2$  are independently from each other substituted or unsubstituted aryl or heteroaryl groups with the proviso that  $\text{Ar}^2$  is not 1,3-phenylene or 1,4-phenylene,

$\text{X}$  is O or S;

$\text{R}^1$  is hydrogen or a  $\text{C}_1\text{-C}_6$ -alkyl group, or  $\text{R}^1$  forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with  $\text{Ar}^1$ ;

$n$  is an integer from 0 to 5;

$\text{Y}$  within formula I is a substituted or unsubstituted piperidino moiety, whereby one nitrogen atom within said

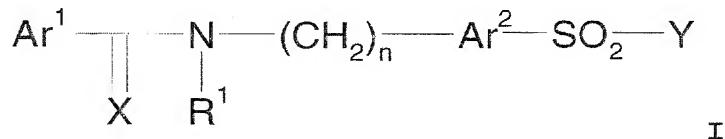
piperidino moiety forms a bond with the sulfonyl group of formula I thus providing a sulfonamide,

with the proviso that if Ar<sup>1</sup> is 4-chlorophenyl, then X is O, R<sup>1</sup> is H, Ar<sup>2</sup> is thienyl, and Y is not para-substituted by 2-hydroxyethyl,

with the further proviso that if Ar<sup>1</sup> is phenyl, then X is O, R<sup>1</sup> is H, Ar<sup>2</sup> is thienyl, and Y is not substituted in its β position by a benzo [5,6] cyclohepta [1,2b] pyridine or a benzo [5,6] cyclohept [3,4]ene [1,2b] pyridine;

with the final proviso that if X is oxygen, then Y shall not be substituted by a group (C=O)N(R,R') at the α-position of the sulfonamide nitrogen.

2. (Previously Presented) A composition comprising a sulfonamide compound according to formula I



with its geometrical isomers, in an optically active form as enantiomers, dia-stereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

Ar<sup>1</sup> and Ar<sup>2</sup> are independently substituted or unsubstituted aryl or heteroaryl groups with the proviso that neither Ar<sup>1</sup> nor Ar<sup>2</sup> is 1,3-phenylene or 1,4-phenylene and Ar<sup>1</sup> is

not quinazoline that is substituted by nitro, hydroxyl, or 3,4-dichlorophenyl amino,

X is O or S;

R<sup>1</sup> is hydrogen or a C<sub>1</sub>-C<sub>6</sub>-alkyl group, or R<sup>1</sup> forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar<sup>1</sup>;

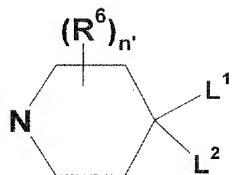
n is an integer from 0 to 5;

Y within formula I is a piperidino group whereby one nitrogen atom within said piperidino group forms a bond with the sulfonyl group of formula I thus providing a sulfonamide;

with the proviso that if Y is substituted at the β-position of the piperidino- nitrogen by a benzo[5, 6]cyclohepta[1, 2b]pyridine, or a benzo[5, 6]cyclohept [3, 4]ene [1, 2b]pyridine, while Ar<sup>2</sup> is thienyl, X is oxygen, R<sup>1</sup> is hydrogen and n is 1, Ar<sup>1</sup> shall not be a phenyl group;

and a pharmaceutically acceptable carrier with the final proviso that if X is oxygen, Y shall not be substituted by a group (C=O)N(R,R') at the α-position of the sulfonamide nitrogen.

3. (Previously Presented) A sulfonamide compound according to claim 1 or a composition according to claim 2, wherein Y is a piperidino group of the formula



whereby,  $L^1$  and  $L^2$  are independently selected from each other from the group consisting of H, substituted or unsubstituted  $C_1-C_6$ -alkyl, substituted or unsubstituted  $C_2-C_6$ -alkenyl, substituted or unsubstituted  $C_2-C_6$ -alkynyl, substituted or unsubstituted cyclic  $C_4-C_8$ -alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or  $L^1$  and  $L^2$  are independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl- $C_1-C_6$ -alkyl, heteroaryl- $C_1-C_6$ -alkyl,  $-C(O)-OR^3$ ,  $-C(O)-R^3$ ,  $-C(O)-NR^{3'}R^3$ ,  $-NR^{3'}R^3$ ,  $-NR^{3'}C(O)R^3$ ,  $-NR^{3'}C(O)NR^{3'}R^3$ ,  $-(SO)R^3$ ,  $-(SO_2)R^3$ ,  $-NHSO_2R^3$ , and  $-SO_2NR^{3'}R^3$ ,

with  $R^3$  and  $R^{3'}$  being substituents independently selected from the group consisting of H, substituted or unsubstituted  $C_1-C_6$ -alkyl, substituted or unsubstituted  $C_2-C_6$ -alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl- $C_1-C_6$ -alkyl and substituted or unsubstituted heteroaryl- $C_1-C_6$ -alkyl;

said aryl or heteroaryl groups being optionally substituted  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl, amino, acylamino, aminocarbonyl,  $C_1$ - $C_6$ -alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy, and  $C_1$ - $C_6$ -thioalkoxy, and

$R^6$  is selected from the group consisting of hydrogen, substituted or unsubstituted  $C_1$ - $C_6$ -alkyl, substituted or unsubstituted  $C_1$ - $C_6$ -alkoxy, OH, halogen, nitro, cyano, sulfonyl and oxo ( $=O$ ), and

$n'$  is an integer from 0 to 4.

Claim 4. (Cancelled)

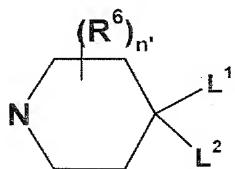
5. (Previously Presented) A sulfonamide compound according to claim 1, wherein  $Ar^1$  and  $Ar^2$  are independently selected from the group consisting of phenyl, thienyl, furyl, pyridyl, and optionally substituted by  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ -alkoxy,  $C_2$ - $C_6$ -alkenyl,  $C_2$ - $C_6$ -alkynyl, amino, acylamino, aminocarbonyl,  $C_1$ - $C_6$ -alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl and  $C_1$ - $C_6$ -thioalkoxy.

6. (Previously Presented) A sulfonamide compound according to claim 5, wherein  $Ar^1$  is an unsubstituted or substituted phenyl.

7. (Previously Presented) A sulfonamide compound according to claim 5, wherein Ar<sup>2</sup> is an unsubstituted or substituted thienyl or furanyl group.

8. (Previously Presented) A sulfonamide compound according to claim 1, wherein Ar<sup>1</sup> is selected from the group consisting of a 4-chlorophenyl, nitrophenyl, hydroxyphenyl, alkoxy phenyl, pyridyl, 3,4,-dihydroxyphenyl, thioxo-dihdropyridine or its tautomer and pyrazole and X is O, R<sup>1</sup> is hydrogen, n is 1, Ar<sup>2</sup> is thienyl or furanyl.

9. (Currently Amended) A sulfonamide compound according to claim 8, wherein Y is



(R<sup>6</sup>)<sub>n'</sub> is selected from the group consisting of hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkoxy, OH, halogen, nitro, cyano, sulfonyl, and oxo; n' is an integer of from 0 to 4; and

wherein L<sup>1</sup> and L<sup>2</sup> are independently selected from each other from the group consisting of H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>- alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkenyl; or L<sup>1</sup> and L<sup>2</sup> are independently selected from the group

consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted cyclic C<sub>4</sub>-C<sub>8</sub> alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl, aryl-C<sub>1</sub>-C<sub>4</sub> alkyl, heteroaryl-C<sub>1</sub>-C<sub>4</sub> alkyl, -C(O)-OR<sup>3</sup>, -C(O)-R<sup>3</sup>, -C(O)-NR<sup>3</sup>'R<sup>3</sup>, -NR<sup>3</sup>'R<sup>3</sup>; -NR<sup>3</sup>'C(O)R<sup>3</sup>', -NR<sup>3</sup>'-C(O)NR<sup>3</sup>R<sup>3</sup>, -(SO)R<sup>3</sup>, -(SO<sub>2</sub>)R<sup>3</sup>, -NHSO<sub>2</sub>R<sup>3</sup>, and -SO<sub>2</sub>NR<sup>3</sup>R<sup>3</sup>;

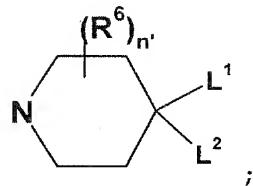
with R<sup>3</sup> and R<sup>3</sup>' being substituents independently selected from the group consisting of H, substituted or unsubstituted C<sub>1</sub>-C<sub>4</sub> alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl-C<sub>1</sub>-C<sub>4</sub>-alkyl, substituted or unsubstituted heteroaryl-C<sub>1</sub>-C<sub>6</sub>-alkyl;

said aryl or heteroaryl groups being optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, amino, acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy, C<sub>1</sub>-C<sub>6</sub>-thioalkoxy or;

L<sup>1</sup> is a triazole ring fused with an unsubstituted or substituted aryl ring.

10. (Previously Presented) A sulfonamide compound according to claim 9, wherein R<sup>6</sup> is H, L<sup>2</sup> is H, L<sup>1</sup> is a 5-membered cyclic group containing 3 heteroatoms or L<sup>1</sup> is -C(O)-R<sup>3</sup>, or -NHR<sup>3</sup>;

wherein Y is



$n'$  is an integer of from 0 to 4;

with  $R^3$  being a substituent selected from the group comprising or consisting of  $C_1-C_4$ -alkyl, aryl, heteroaryl,  $aryl-C_1-C_4$ -alkyl and heteroaryl- $C_1-C_6$ -alkyl;

said aryl or heteroaryl groups being optionally substituted by halogen, hydroxy, nitro, or sulfonyl.

11. (Currently Amended) A sulfonamide compound according to claim 1, selected from the group consisting of:

4-chloro-N-[5-[4-(3-trifluoromethanesulfonyl-phenylamino)-piperidine-1-sulfonyl]-thiophen-2-ylmethyl]-benzamide;

4-chloro-N-[ (5-[4-(4-fluorobenzoyl)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-( {5-[ (4-hydroxy-4-phenylpiperidin-1-yl)sulfonyl]thien-2-yl}methyl)benzamide;

N- ({5-[ (4-benzoylpiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

4-chloro-N-[ (5-{ [4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-benzylpiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

4-chloro-N-[ (5-{ [4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

tert-butyl 1-[(5-{ [(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-ylcarbamate;

4-chloro-N-{ [5-(piperidin-1-ylsulfonyl)thien-2-yl]methyl}benzamide;

4-chloro-N-{ [5-({3-hydroxy-4-[3-(trifluoromethyl)phenyl]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N-[(5-{ [4-(benzyloxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

N-(4-chlorophenyl)-2-(5-{ [4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)acetamidebenzamide;

4-chloro-N-({5-[(4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-benzyl-4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

N- { [5- ({ 4- [(2-tert-butyl-1H-indol-5-  
yl) amino] piperidin-1-yl} sulfonyl) thien-2-yl] methyl } -4-  
chlorobenzamide;

4-chloro-N- { [5- ({ 4- [(phenylacetyl) amino] piperidin-1-  
yl} sulfonyl) thien-2-yl] methyl } benzamide;

N- [ (5- { [4- (2H-1,2,3-benzotriazol-2-yl) piperidin-1-  
yl] sulfonyl } thien-2-yl) methyl ] -4-chlorobenzamide;

4-chloro-N- [ (5- { [4- (4-chlorobenzoyl) piperidin-1-  
yl] sulfonyl } thien-2-yl) methyl ] benzamide;

4-chloro-N- ( { 5- [ (4-phenoxy)piperidin-1-  
yl] sulfonyl } thien-2-yl) methyl ] benzamide;

N- { [5- ({ 4- [benzyl (methyl) amino] piperidin-1-  
yl} sulfonyl) thien-2-yl] methyl } -4-chlorobenzamide;

4-chloro-N- { [5- ({ 4- [3- (2,4-dichlorophenyl) -1H-  
pyrazol-5-yl] piperidin-1-yl} sulfonyl) thien-2-  
yl] methyl } benzamide;

4-chloro-N- [ (5- { [4- (5-thien-2-yl-1H-pyrazol-3-  
yl) piperidin-1-yl] sulfonyl } thien-2-yl) methyl ] benzamide;

4-chloro-N- [ (5- { [4- (2,3,4,5,6-  
pentamethylbenzoyl) piperidin-1-yl] sulfonyl } thien-2-  
yl) methyl ] benzamide;

4-chloro-N- { [5- ({ 4- [5- (4-methoxyphenyl) -1H-pyrazol-  
3-yl] piperidin-1-yl} sulfonyl) thien-2-yl] methyl } benzamide;

N- ({ 5- [ (4-anilinopiperidin-1-yl) sulfonyl] thien-2-yl } methyl) -4-chlorobenzamide;

4-chloro-N- [ (5- { [ 4- (2-phenylethyl) piperidin-1-yl ] sulfonyl } thien-2-yl ) methyl ] benzamide;

N- [ (5- { [ 4- (1H-1,2,3-benzotriazol-1-yl) piperidin-1-yl ] sulfonyl } thien-2-yl ) methyl ] -4-chlorobenzamide;

2- (5- { [ 4- (1H-1,2,3-benzotriazol-1-yl) piperidin-1-yl ] sulfonyl } thien-2-yl ) -N- (4-chlorophenyl) acetamidebenzamide;

2- { 1- [ (5- { [ (4-chlorobenzoyl) amino ] methyl } thien-2-yl ) sulfonyl ] piperidin-4-yl } -2H-1,2,3-benzotriazole-5-carboxylic acid;

4-chloro-N- [ (5- { [ 4- (5-chloro-1H-1,2,3-benzotriazol-1-yl) piperidin-1-yl ] sulfonyl } thien-2-yl ) methyl ] benzamide;

methyl 1- { 1- [ (5- { [ (4-chlorobenzoyl) amino ] methyl } thien-2-yl ) sulfonyl ] piperidin-4-yl } -1H-1,2,3-benzotriazole-5-carboxylate;

methyl 1- { 1- [ (5- { [ (4-chlorobenzoyl) amino ] methyl } thien-2-yl ) sulfonyl ] piperidin-4-yl } -1H-1,2,3-benzotriazole-6-carboxylate;

methyl 2- { 1- [ (5- { [ (4-chlorobenzoyl) amino ] methyl } thien-2-yl ) sulfonyl ] piperidin-4-yl } -2H-1,2,3-benzotriazole-5-carboxylate;

4-chloro-N- [ (5- { [ 4- (6-chloro-1H-1,2,3-benzotriazol-1-yl) piperidin-1-yl ] sulfonyl } thien-2-yl ) methyl ] benzamide;

4-chloro-N-[5-(4-[5-(trifluoromethyl)-1H-1,2,3-benzotriazol-1-yl]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

N-[5-{[4-(7-aza-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

1-{1-[5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl]sulfonyl}piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylic acid;

1-{1-[5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl]sulfonyl}piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylic acid;

N-[5-{[4-(2-amino-9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[5-{[4-(9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[5-{[4-(6-amino-9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-({5-[4-{6-nitro-1H-benzimidazol-1-yl}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

4-chloro-N-({5-[4-{5-nitro-1H-benzimidazol-1-yl}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

4-chloro-N-[5-{[4-(2H-1,2,3-triazol-2-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N- [ (5- { [4- (1H-benzimidazol-1-yl)piperidin-1-  
yl] sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;  
4-chloro-N- { [5- ({4- [3-propylanilino]piperidin-1-  
yl} sulfonyl)thien-2-yl]methyl}benzamide;  
4-chloro-N- { [5- ({4- [3-  
(trifluoromethyl)anilino]piperidin-1-yl} sulfonyl)thien-2-  
yl]methyl}benzamide;  
4-chloro-N- { [5- ({4- [3-  
(dimethylamino)anilino]piperidin-1-yl} sulfonyl)thien-2-  
yl]methyl}benzamide;  
methyl 3- ({1- [(5- { [(4-chlorobenzoyl)amino]-  
methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)-benzoate;  
4-chloro-N- { [5- ({4- [3-  
(methylsulfanyl)anilino]piperidin-1-yl} sulfonyl)thien-2-  
yl]methyl}benzamide;  
4-chloro-N- ( {5- [(4- {3-nitroanilino}piperidin-1-  
yl) sulfonyl]thien-2-yl}methyl)benzamide;  
4-chloro-N- [ (5- { [4- (2-methoxyanilino)piperidin-1-  
yl] sulfonyl}thien-2-yl)methyl]benzamide;  
3- ({1- [(5- { [(4-chlorobenzoyl)amino]methyl}thien-2-  
yl) sulfonyl]piperidin-4-yl}amino)benzamide;  
4-chloro-N- { [5- ({4- [2-  
(trifluoromethyl)anilino]piperidin-1-yl} sulfonyl)thien-2-  
yl]methyl}benzamide;

4-chloro-N-({5-[{4-{2-nitro-4-[trifluoromethyl]sulfonyl}anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

4-chloro-N-[{5-[{4-(4-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{{5-[{4-[{4-(trifluoromethyl)anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl}benzamide;

4-chloro-N-{{5-[{4-[{4-(trifluoromethyl)anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl}benzamide;

4-chloro-N-{{5-[{4-[{4-(aminocarbonyl)anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-{{5-[{4-[{4-(1,3-dithiolan-2-yl)anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl}benzamide;

N-[(5-[{4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

4-chloro-N-[{5-[{4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[{5-[{4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[5-(4-[3-(methylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

N-[(5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2-aminoanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-hydroxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-hydroxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[(4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-toluidino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[5-(4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

N-[(5-[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-[4-(2-propylanilino)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[5-(4-[2,2-dioxido-1,3-dihydro-2-benzothien-5-yl]amino)piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

4-chloro-N-[(5-[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[4-(4-propylanilino)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[4-(3-nitropyridin-2-yl)amino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-{[5-(4-[(3-aminopyridin-2-yl)amino)piperidin-1-yl]sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

N-[(5-[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-[4-(3-benzylanilino)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[5-[(4-[4-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl]benzamide;

4-chloro-N-[(5-[(4-[4-(trifluoromethyl)pyrimidin-2-yl]amino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[(4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-[(4-{3-[(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-[(4-(3-ethylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[(4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-[(4-[3-(aminosulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-[(4-(quinolin-5-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[(4-(quinolin-8-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-Chloro-N-[(5-[(4-(3-propylphenoxy)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-nitro-N-((5-[(4-(3-[  
[(trifluoromethyl)sulfonyl]anilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl)benzamide;  
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;  
~~4-nitro-N-((5-[(4-(3-[  
[(trifluoromethyl)sulfonyl]anilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl)benzamide;~~  
N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;  
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;  
~~N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;~~  
~~4-nitro-N-((5-[(4-(3-[  
[(trifluoromethyl)sulfonyl]anilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl)benzamide;~~  
N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;  
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;  
3-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-  
yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-nitro-N-{[5-(4-[3-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

N-{[5-(4-[3-(dimethylamino)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}-3-nitrobenzamide;

3-nitro-N-{[5-(4-[3-(methylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

3-nitro-N-{[5-(4-[3-(methylsulfanyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

N-{[5-(4-[3-(aminosulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}-3-nitrobenzamide;

methyl 3-{[1-({5-[(3-nitrobenzoyl)amino)methyl]-thien-2-yl}sulfonyl)-piperidin-4-yl]amino}benzoate;

N-{[5-(4-[3-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}-3-nitrobenzamide;

3-nitro-N-({5-[(4-(3-nitroanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

3-nitro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

3-nitro-N-{[5-(4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

3-nitro-N-({5-[{4-(2-nitroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

N-[(5-{[4-(4-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-{{5-[{4-[{trifluoromethyl}anilino]piperidin-1-yl}sulfonyl]thien-2-yl)methyl}benzamide;

3-nitro-N-({5-[{4-[{trifluoromethyl}sulfonyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

N-{{5-[{4-[{aminocarbonyl}anilino]piperidin-1-yl}sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-{{5-[{4-[{3-[trifluoromethyl}anilino]piperidin-1-yl}sulfonyl]thien-2-yl)methyl}benzamide;

N-{{5-[{4-[{3-(dimethylamino)anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

4-nitro-N-[(5-[4-(3-propylanilino)piperidin-1-yl]sulfonyl)thien-2-yl]methyl]benzamide;

4-nitro-N-{[5-(4-[3-(methylsulfonyl)anilino)piperidin-1-yl]sulfonyl)thien-2-yl]methyl}benzamide;

4-nitro-N-{[5-(4-[3-(methylsulfanyl)anilino)piperidin-1-yl]sulfonyl)thien-2-yl]methyl}benzamide;

N-{[5-(4-[3-(aminosulfonyl)anilino)piperidin-1-yl]sulfonyl)thien-2-yl]methyl}-4-nitrobenzamide;

methyl 3-{[1-((5-[(4-nitrobenzoyl)amino)methyl]thien-2-yl)sulfonyl)piperidin-4-yl]amino}benzoate;

3-{[1-((5-[(4-nitrobenzoyl)amino)methyl]thien-2-yl)sulfonyl)piperidin-4-yl]amino}benzamide;

4-nitro-N-[(5-[(4-(3-nitroanilino)piperidin-1-yl)sulfonyl)thien-2-yl]methyl)benzamide;

4-nitro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl)thien-2-yl]methyl}benzamide;

4-nitro-N-{[5-(4-[2-(trifluoromethyl)anilino)piperidin-1-yl]sulfonyl)thien-2-yl]methyl}benzamide;

4-nitro-N-[(5-[(4-(2-nitroanilino)piperidin-1-yl)sulfonyl)thien-2-yl]methyl)benzamide;

N-[(5-[{4-(4-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-{[5-({4-[4-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

4-nitro-N-({5-[(4-[{4-[{trifluoromethyl}sulfonyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl}benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-4-nitrobenzamide;

N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-4-nitrobenzamide;

N-({5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl}thien-2-yl]methyl}-3-nitrobenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl}thien-2-yl]methyl}-3-nitrobenzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl}thien-2-yl]methyl}-3-nitrobenzamide;

N-({5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl}thien-2-yl]methyl}-4-nitrobenzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl}thien-2-yl]methyl}-4-nitrobenzamide;

N- ({5- [(4- {3- [amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-nitrobenzamide;

~~3-nitro-N- [{5- [(4- {3- [(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl]benzamide;~~

~~4-nitro-N- [{5- [(4- {3- [(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl]benzamide;~~

3-nitro-N- [(5- {[4- ({3-nitropyridin-2-yl}amino)piperidin-1-yl)sulfonyl]thien-2-yl}methyl]benzamide;

N- {[5- ({4- [(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl]-3-nitrobenzamide;

N- [(5- {[4- (2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl}methyl]-3-nitrobenzamide;

3-nitro-N- [(5- {[4- (2-propylanilino)piperidin-1-yl}sulfonyl)thien-2-yl}methyl]benzamide;

3-nitro-N- [(5- {[4- (4-propylanilino)piperidin-1-yl}sulfonyl)thien-2-yl}methyl]benzamide;

N- [(5- {[4- (3-tert-butyylanilino)piperidin-1-yl}sulfonyl)thien-2-yl}methyl]-3-nitrobenzamide;

3-nitro-N- {[5- ({4- [3- (1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl}methyl]benzamide;

3-nitro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-((3-nitropyridin-2-yl)amino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butyylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-{[5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

4-nitro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-nitrobenzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-{[5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N-[(5-{[4-(2-aminoanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

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N-{[5-({4-[({3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;

N-({5-[(4-{2-nitro-4-[trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

3-nitro-N-({5-[(4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

N-({5-[(4-{3-(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-nitrobenzamide;

N-[(5-{[4-(3-ethylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

2-Hydroxy-N- ( {5- [ (4- {3-  
[ (trifluoromethyl) sulfonyl] anilino} piperidin-1-  
yl) sulfonyl] thien-2-yl} methyl) benzamide;  
N- [(5- { [4- (1H-1,2,3-benzotriazol-1-yl) piperidin-1-  
yl] sulfonyl] thien-2-yl} methyl] -3-methoxybenzamide;  
N- [(5- { [4- (1H-1,2,3-benzotriazol-1-yl) piperidin-1-  
yl] sulfonyl] thien-2-yl} methyl] -2-hydroxybenzamide;  
N- { [5- ( {4- [4- (1,3-dithiolan-2-yl) anilino} piperidin-  
1-yl} sulfonyl) thien-2-yl} methyl] -3-nitrobenzamide;  
3-methoxy-N- [(5- { [4- (3-methoxyanilino) piperidin-1-  
yl] sulfonyl] thien-2-yl} methyl) benzamide;  
3-methoxy-N- { [5- ( {4- [3-  
(trifluoromethyl) anilino} piperidin-1-yl} sulfonyl) thien-2-  
yl} methyl} benzamide;  
N- { [5- ( {4- [3- (dimethylamino) anilino} piperidin-1-  
yl} sulfonyl) thien-2-yl} methyl] -3-methoxybenzamide;  
3-methoxy-N- [(5- { [4- (3-propylanilino) piperidin-1-  
yl] sulfonyl] thien-2-yl} methyl) benzamide;  
3-methoxy-N- { [5- ( {4- [3-  
(methylsulfonyl) anilino} piperidin-1-yl} sulfonyl) thien-2-  
yl} methyl} benzamide;  
3-methoxy-N- { [5- ( {4- [3-  
(methylsulfanyl) anilino} piperidin-1-yl} sulfonyl) thien-2-  
yl} methyl} benzamide;

N- { [5- ({ 4- [3- (aminosulfonyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl } -3-methoxybenzamide;  
methyl 3- ({ 1- [(5- {[ (3-methoxybenzoyl)amino] - methyl} thien-2-yl)sulfonyl]piperidin-4-yl}amino) -benzoate;  
N- { [5- ({ 4- [3- (aminocarbonyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl } -3-methoxybenzamide;  
3-methoxy-N- [(5- {[ 4- (2-methoxyanilino)piperidin-1-yl} sulfonyl)thien-2-yl]methyl]benzamide;  
N- ({ 5- [(4- {3-nitroanilino}piperidin-1-yl) sulfonyl]thien-2-yl}methyl ) -3-methoxybenzamide;  
3-methoxy-N- { [5- ({ 4- [2- (trifluoromethyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl }benzamide;  
N- ({ 5- [(4- {2-nitroanilino}piperidin-1-yl) sulfonyl]thien-2-yl}methyl ) -3-methoxybenzamide;  
N- { [5- ({ 4- [4- (aminocarbonyl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl } -3-methoxybenzamide;  
N- { [5- ({ 4- [4- (1,3-dithiolan-2-yl)anilino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl } -3-methoxybenzamide;  
N- [(5- {[ 4- (3-chloroanilino)piperidin-1-yl] sulfonyl}thien-2-yl)methyl ] -3-methoxybenzamide;  
N- [(5- {[ 4- (4-chloroanilino)piperidin-1-yl] sulfonyl}thien-2-yl)methyl ] -3-methoxybenzamide;

3-methoxy-N-({5-[{4-{4-[{trifluoromethyl}sulfonyl]anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl)benzamide;

N-({5-[{4-{3-[amino(imino)methyl]anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

N-({5-[{4-{3-[{2-hydroxyethyl}sulfonyl]anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

3-methoxy-N-({5-[{4-{3-[{trifluoromethyl}sulfonyl]anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl)benzamide;

N-({5-[{4-anilinopiperidin-1-yl}sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

3-methoxy-N-({5-[{4-{3-[{trifluoromethyl}sulfanyl]anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl)benzamide;

N-[(5-{[4-(4-hydroxyanilino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-nitro-N-({5-[{4-{3-[{trifluoromethyl}sulfanyl]anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl)benzamide;

4-nitro-N-({5-[{4-{3-[{trifluoromethyl}sulfanyl]anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl)benzamide;

N- [(5- { [4- (2-hydroxyanilino)piperidin-1-  
yl] sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;  
3-methoxy-N- [(5- { [4- (pyrimidin-2-ylamino)piperidin-  
1-yl] sulfonyl}thien-2-yl)methyl]benzamide;  
N- { [5- ({ 4- [(3-aminopyridin-2-yl)amino]piperidin-1-  
yl} sulfonyl)thien-2-yl]methyl}-3-methoxybenzamide;  
N- [(5- { [4- ({ 3-nitropyridin-2-yl}amino)piperidin-1-  
yl] sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;  
N- { [5- ({ 4- [(2,2-dioxido-1,3-dihydro-2-benzothien-5-  
yl)amino]piperidin-1-yl} sulfonyl)thien-2-yl]methyl}-3-  
methoxybenzamide;  
N- [(5- { [4- (2,3-dihydro-1H-inden-5-ylamino)piperidin-  
1-yl] sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;  
3-methoxy-N- [(5- { [4- (2-propylanilino)piperidin-1-  
yl] sulfonyl}thien-2-yl)methyl]benzamide;  
3-methoxy-N- [(5- { [4- (4-propylanilino)piperidin-1-  
yl] sulfonyl}thien-2-yl)methyl]benzamide;  
N- [(5- { [4- (3-tert-butyylanilino)piperidin-1-  
yl] sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;  
N- ({ 5- [(4- { [3-chloro-5- (trifluoromethyl)pyridin-2-  
yl] amino}piperidin-1-yl] sulfonyl}thien-2-yl)methyl}-3-  
methoxybenzamide;

3-methoxy-N-[5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[5-{[4-(3-propylphenoxy)piperidin-1-yl}sulfonyl]thien-2-yl)methyl]benzamide;

3-methoxy-N-[5-{[4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl]thien-2-yl]methyl}benzamide;

3-methoxy-N-[5-{[4-(2-phenylethyl)piperidin-1-yl}sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-({5-[(4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-methoxybenzamide;

N-({5-[(4-{[butylamino}sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

N-[(5-{[4-(3-ethylanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-methoxybenzamide;

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3-methoxy-N-[(5-[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]benzamide;

N-[(5-[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]-5-nitro-1H-pyrazole-3-carboxamide;

N-[(5-[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]-2-oxo-1,2-dihdropyridine-3-carboxamide;

N-[(5-[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]-2-thioxo-1,2-dihdropyridine-3-carboxamide;

N-[(5-[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]-3,4-dihydroxybenzamide;

N-[(5-[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]pyridine-2-carboxamide;

N-[(5-[4-(hexyloxy)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-[(4-heptanoylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

4-chloro-N-[(5-[4-(3-propylanilino)piperidin-1-yl]sulfonyl)-2-furyl)methyl]benzamide;

4-chloro-N-[(5-[4-(3-chloroanilino)piperidin-1-yl]sulfonyl)-2-furyl)methyl]benzamide;

4-chloro-N-[ (5-{ [4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[ 5-( {4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl]benzamide;

4-chloro-N-[ 5-( {4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl]benzamide;

4-chloro-N-[ 5-( {4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl]benzamide;

4-chloro-N-[ 5-( {4-[3-(methylsulfanyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl]benzamide;

N-[ 5-( {4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl]-4-chlorobenzamide;

methyl 3-( {1-[ (5-{ [(4-chlorobenzoyl)amino]methyl}-2-furyl)sulfonyl]piperidin-4-yl}amino)benzoate;

3-( {1-[ (5-{ [(4-chlorobenzoyl)amino]methyl}-2-furyl)sulfonyl]piperidin-4-yl}amino)benzamide;

4-chloro-N-( {5-[ (4-{3-nitroanilino}piperidin-1-yl)sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[ (5-{ [4-(2-methoxyanilino)piperidin-1-yl}sulfonyl)-2-furyl)methyl]benzamide;

4-chloro-N-[5-(4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]-2-furylmethyl]benzamide;

4-chloro-N-[5-(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]-2-furylmethyl]benzamide;

4-chloro-N-[5-{[4-(4-chloroanilino)piperidin-1-yl)sulfonyl]-2-furyl}methyl]benzamide;

4-chloro-N-[5-(4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]-2-furylmethyl]benzamide;

4-chloro-N-[5-[4-{4-[ (trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl]methyl]benzamide;

N-[5-(4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]-2-furylmethyl]-4-chlorobenzamide;

4-chloro-N-[5-(4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]-2-furylmethyl]benzamide;

N-[5-[4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]-2-furylmethyl]-4-chlorobenzamide;

4-chloro-N-[5-[4-{3-[ (trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-furylmethyl]benzamide;

N-[5-[4-anilinopiperidin-1-yl)sulfonyl]-2-furylmethyl]-4-chlorobenzamide; and

4-nitro-N-({5-[{4-{3-[{(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl]sulfonyl]2-furyl}methyl)benzamide.

12. (Previously Presented) A sulfonamide compound according to claim 11, which is selected from the group consisting of:

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[{4-anilinopiperidin-1-yl}sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-{[4-(1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-{{5-({4-[3-propylanilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[{4-[{3-[{(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl}methyl)benzamide;

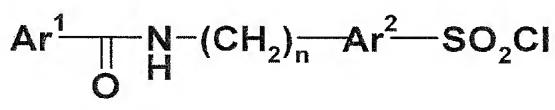
N-{{5-({4-[{3-(aminosulfonyl)anilino}piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-nitro-N-[ (5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;  
methyl 3-{[1-{[5-[(4-nitrobenzoyl)amino]methyl}thien-2-yl}sulfonyl)piperidin-4-yl]amino}benzoate;  
N-[ (5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide; and  
N-({5-[(4-{2-nitroanilino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide.

Claims 13-19. (Cancelled)

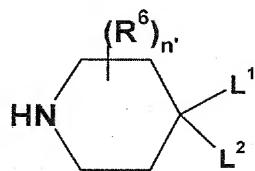
20. (Previously Presented) A pharmaceutical composition containing at least one sulfonamide compound according to claim 1 and a pharmaceutically acceptable carrier, diluent or excipient.

21. (Currently Amended) Process for the preparation of a sulfonamide compound according to claim 1, comprising reacting a sulfonyl chloride V



V

with an amine VIII



VIII

whereby n is an integer of from 0 to 5,  $(R^6)_n'$ ,  $L^1$  and  $L^2$  are as defined in claim 1.  $n'$  is an integer of from 0 to 4,  $n$  is selected from the group consi

sting of hydrogen, substituted or unsubstituted  $C_1-C_6$  alkyl, substituted or unsubstituted  $C_1-C_6$  alkoxy, OH, halogen, nitro, cyano, sulfonyl and oxo;

$L^1$  and  $L^2$  are independently selected from each other from the group consisting of hydrogen, substituted or unsubstituted  $C_1-C_6$  alkyl, substituted or unsubstituted  $C_1-C_6$  alkenyl, substituted or unsubstituted  $C_1-C_6$  alkynyl, substituted or unsubstituted cyclic  $C_1-C_6$  alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or  $L^1$  and  $L^2$  are independent selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl-  $C_1-C_6$  alkyl.

Heteroaryl-  $C_1-C_6$  alkyl,  $-C(O)R^3$ ,  $-C(O)OR^3$ ,  $-C(O)-NR^{3'}R^3$ ,  $-NR^{3'}R^3$ ,  $-NR^{3'}C(O)R^3$ ,  $-NR^{3'}C(O)NR^{3'}R^3$  -  $(SO)R^3$ ,  $(SO_2)R^3$ ,  $NHSO_2R^3$  and  $SO_2NR^{3'}R^3$ ;

with  $R^3$  and  $R^{3'}$  being substituents independently selected from the group consisting of hydrogen, substituted or unsubstituted  $C_1-C_6$  alkyl, substituted or unsubstituted  $C_1-C_6$  alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl,

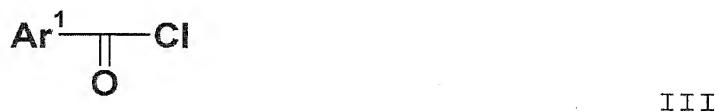
substituted or unsubstituted aryl- C<sub>1</sub>-C<sub>6</sub> alkyl and substituted or unsubstituted heteroaryl- C<sub>1</sub>-C<sub>6</sub> alkyl,

said aryl or heteroaryl groups being optionally substituted C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> alkenyl, C<sub>1</sub>-C<sub>6</sub> alkynyl, amino, acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub> alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy and C<sub>1</sub>-C<sub>6</sub> thioalkoxy.

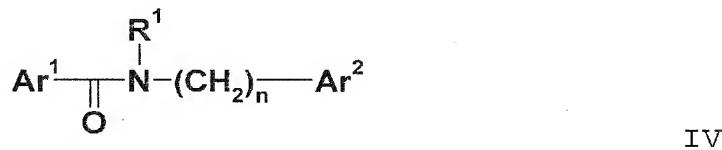
22. (Previously Presented) A process according to claim 21, wherein said sulfonyl chloride V is obtained by  
a) coupling an amine of formula II:



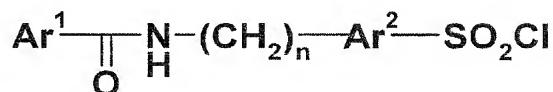
with an acyl chloride of formula III:



to provide an amide of formula IV:



b) sulfonating the amide of formula IV to provide a sulfonyl chloride V



v.

Claims 23-26. (Cancelled)

27. (Previously Presented) The sulfonamide compound according to claim 1 wherein n is an integer of from 1 to 3.

28. (Previously Presented) The sulfonamide compound according to claim 27 wherein n is 1.

29. (Previously Presented) The composition according to claim 2 wherein n is an integer of from 1 to 3.

30. (Previously Presented) The composition according to claim 29 wherein n is 1.

31. (Previously Presented) The composition according to claim 3 wherein n is 1 or 2.

Claims 32-34. (Cancelled)

35. (Previously Presented) The sulfonamide compound according to claim 5 wherein the C<sub>1</sub>-C<sub>6</sub> alkyl group is trihalomethyl.

36. (Currently Amended) The sulfonamide compound according to claim ~~10-9~~ wherein L<sup>1</sup> is a triazole ring which is fused with an ~~unsubstituted or substituted~~ aryl ring.

Claims 37-41. (Cancelled)